

Name: _____

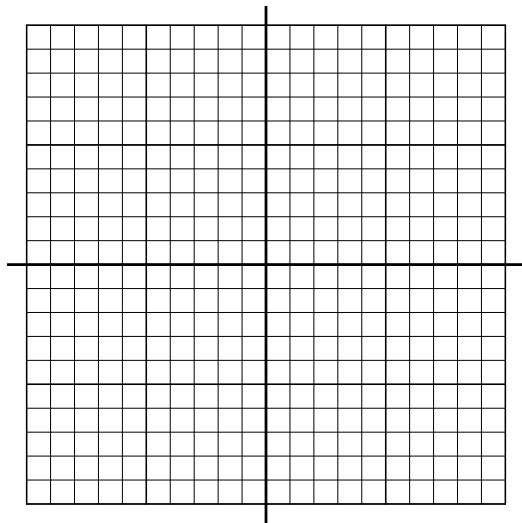
Date: _____

PCW__09__29: Graph Parent Translations (version 9)

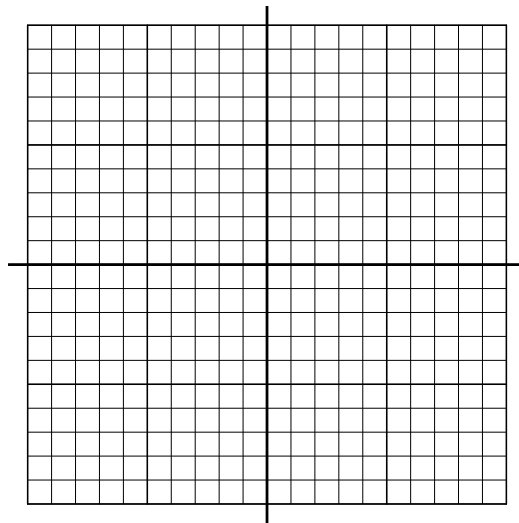
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

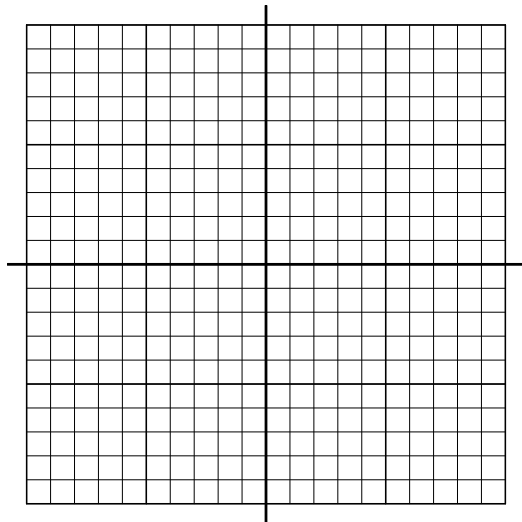
$$y = (x+3)^3 - 2$$



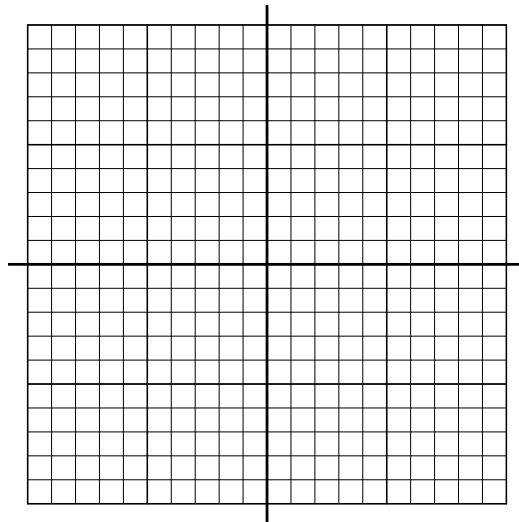
$$y = \sqrt{x+2} + 1$$



$$y = \sqrt[3]{x+3} - 4$$

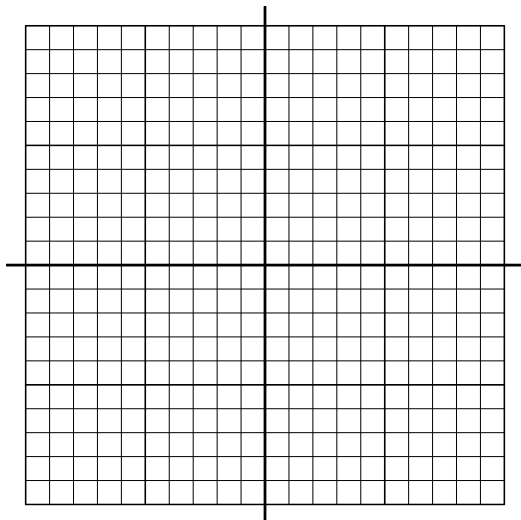


$$y = \log_2(x-1) + 5$$

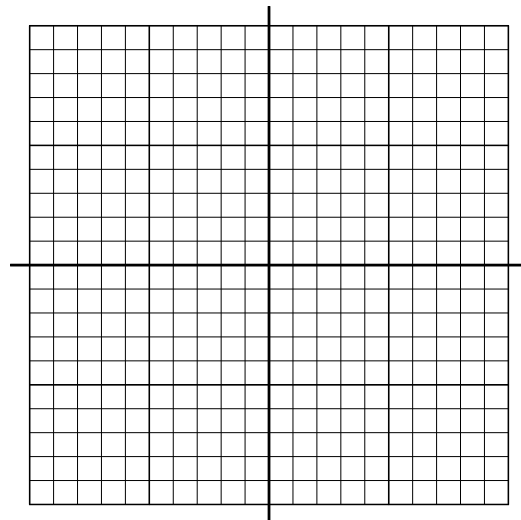


PCW_09_29: Graph Parent Translations (version 9)

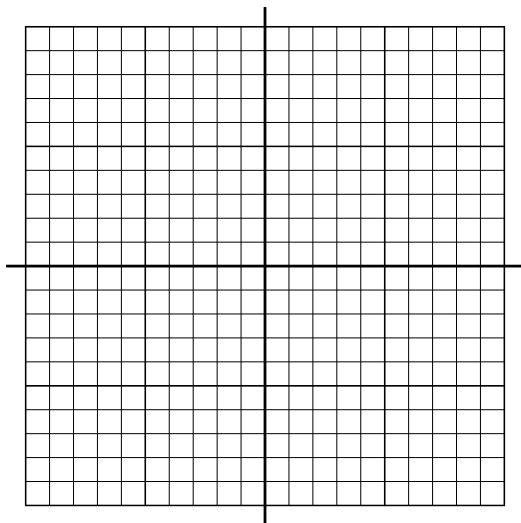
$$y = \frac{1}{x+2} + 3$$



$$y = 2^{x-2} + 3$$



$$y = |x - 5| + 1$$



$$y = (x - 3)^2 - 5$$

